

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP 03/11825

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A01M1/20

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 A01M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/116866 A1 (AESCH HAROLD W ET AL) 29 August 2002 (2002-08-29) paragraph '0016! - paragraph '0017! paragraph '0019! paragraph '0021!; figures ---	1-6, 10-13, 15,16
X	US 2002/134004 A1 (GORDON GLENN) 26 September 2002 (2002-09-26) paragraph '0050! paragraph '0056! - paragraph '0058! paragraph '0067!; figures 1-4,8 ---	1-6, 10-13
A	WO 96 32009 A (FMC CORP) 17 October 1996 (1996-10-17)	1
X	page 2, line 9 - line 23 page 3, line 32 -page 4, line 10; figures 1-4 ---	10,11,13
		-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the International filing date but later than the priority date claimed

- *T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

16-February 2004

Date of mailing of the International search report

25/02/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2002/148157 A1 (ROLLINS R RANDALL) 17 October 2002 (2002-10-17) paragraph '0041!; figure 8 -----	1,10

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/03/11825

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
US 2002116866	A1	29-08-2002	US 2002108295	A1 15-08-2002
US 2002134004	A1	26-09-2002	NONE	
WO 9632009	A	17-10-1996	AT 233481 T 15-03-2003 AU 718879 B2 20-04-2000 AU 5540696 A 30-10-1996 BR 9604999 A 02-02-1999 CA 2216999 A1 17-10-1996 DE 69626506 D1 10-04-2003 EP 0820223 A1 28-01-1998 ES 2194099 T3 16-11-2003 MD 970325 A 31-07-1999 NZ 306762 A 29-06-1999 WO 9632009 A1 17-10-1996 US 6195934 B1 06-03-2001 US 5937571 A 17-08-1999	
US 2002148157	A1	17-10-2002	NONE	